
Subject: Re: [RFC/PATCH 6/8]: CGroup Files: Remove cpuset_common_file_write()
Posted by [Paul Menage](#) on Tue, 13 May 2008 21:27:24 GMT

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On Tue, May 13, 2008 at 1:11 PM, Andrew Morton

<akpm@linux-foundation.org> wrote:

> On Mon, 12 May 2008 23:37:13 -0700

> menage@google.com wrote:

>
> > @@ -1412,14 +1355,18 @@ static struct cftype files[] = {
> > {
> > .name = "cpus",
> > .read = cpuset_common_file_read,
> > - .write = cpuset_common_file_write,
> > + .write_string = update_cpumask,
> > + .max_write_len = (100U + 6 * NR_CPUS),
>
> hm, magic handwavy surely-enough-for-anyone constants.

This is just a movement of the check previously in cpuset_common_file_write():

```
/* Crude upper limit on largest legitimate cpulist user might write. */  
if (nbytes > 100U + 6 * max(NR_CPUS, MAX_NUMNODES))  
    return -E2BIG;
```

I'll add more comments. But I think it's a reasonable limit - assuming that you wastefully enumerate each cpu individually, separated by commas, 6 * NR_CPUS is enough for 100K CPUs.

Paul

Containers mailing list

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